

AMENDMENTS TO THE CLAIMS

1. **(Currently Amended)** An electrode used for a non-aqueous electrolyte secondary battery, which comprises a current collector of a metallic material not to be alloyed with Li and a pattern of dots formed on the current collector, which is a metallic material able to be alloyed with Li,

wherein the diameter of each dot is 1-500 micrometers,

the shape of the dots is a cylindrical column or a cone,

the dots are regularly arranged and also are separated from each other, and

the occupancy rate of the dots on the current collector is 50-90%.

2. **(Original)** The electrode according to claim 1, wherein the height of said dot is 1-15 micrometers.

3. **(Previously Presented)** The electrode according to claim 1 or 2, wherein the metallic material able to be alloyed with Li is at least one element selected from the group consisting of elements of group 14 and alloy thereof.

4. **(Previously Presented)** The electrode according to claim 3, wherein the metallic material able to be alloyed with Li is an alloy comprising a) at least one element selected from the group consisting of Bi, Cu, Fe, Ni, Zn, and Ag and b) at least one element selected from the group consisting of elements of group 14.

5. (Previously Presented) The electrode according to claim 1, wherein the interval of each dot is 5 micrometers or more.

6. (Previously Presented) The electrode according to claim 1, wherein the dot pattern of the metallic material able to be alloyed with Li is formed on a current collector having a pattern of concave or convex.

7. (Previously Presented) The electrode according to claim 1, wherein each of the dots is porous.

8. (Currently Amended) A non-aqueous electrolyte secondary battery which comprises positive and negative electrodes, the negative electrode comprising a current collector of a metallic material not to be alloyed with Li and a pattern of dots formed on the current collector, which is a metallic material able to be alloyed with Li,

wherein the diameter of each dot is 1-500 micrometers,

the shape of the dots is a cylindrical column or a cone,

the dots are regularly arranged and also are separated from each other, and

the occupancy rate of the dots on the current collector is 50-90%.

9. (Original) The non-aqueous electrolyte secondary battery according to claim 8, wherein the height of said dot in the negative electrode is 1-15 micrometers.

10. (Previously Presented) The non-aqueous electrolyte secondary battery according to claim 8 or 9, wherein the metallic material able to be alloyed with Li is at least one element selected from the group consisting of elements of group 14 and alloy thereof.

11. (Previously Presented) The non-aqueous electrolyte secondary battery according to claim 10, wherein the metallic material able to be alloyed with Li is an alloy comprising a) at least one element selected from the group consisting of Bi, Cu, Fe, Ni, Zn, and Ag and b) at least one element selected from the group consisting of elements of group 14.

12. (Previously Presented) The non-aqueous electrolyte secondary battery according to claim 8, wherein the interval of each dot is 5 micrometers or more.

13. (Previously Presented) The non-aqueous electrolyte secondary battery according to claim 8, wherein the dot pattern of the metallic material able to be alloyed with Li is formed on a current collector having a pattern of concave or convex.

14. (Previously Presented) The non-aqueous electrolyte secondary battery according to claim 1, wherein each of the dots is porous.